



MASTERColour CDM-TC

MASTERColour CDM-TC 35W/842 G8.5 1CT/12

Range of single-ended, very compact, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light

Product data

General Information		Colour Rendering Index,horiz (Nom)	
Cap base	G8.5 [G8.5]		85
Burning Position	UNIVERSAL [Any/Universal]	Operating and Electrical	
Life to 5% failures (nom.)	6000 h	Power (Rated) (Min)	39.0 W
Life to 10% failures (nom.)	8000 h	Power (Rated) (Nom)	39.0 W
Life to 20% failures (nom.)	9000 h	Ignition supply voltage (max.)	198 V
Life to 50% failures (nom.)	12000 h	Ignition supply voltage (min.)	198 V
ANSI code HID	-	Re-ignition time (min.) (max.)	15 min
Light Technical		Ignition time (max.)	30 s
Colour Code	842 [CCT of 4,200 K]	Voltage (Max)	93 V
Lamp Luminous Flux (Nom)	3100 lm	Voltage (Min)	77 V
Colour Designation	Cool White (CW)	Voltage (Nom)	85 V
Lumen maintenance 10,000 hours (nom.)	70 %	Controls and Dimming	
Lumen maintenance 2,000 hours (min.)	75 %	Dimmable	no
Lumen maintenance 2,000 hours (nom.)	85 %	Run-up time 90% (max.)	3 min
Lumen maintenance 5,000 hours (min.)	70 %	Mechanical and Housing	
Lumen maintenance 5,000 hours (nom.)	80 %	Bulb finish	Clear
Chromaticity coordinate X (nom.)	0.374	Bulb material	UV-Block Quartz
Chromaticity coordinate Y (nom.)	0.369		
Colour Temperature, horizontal (Nom)	4200 K		
Lamp Luminous Efficacy EM (Nom)	79 lm/W		

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Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	2.7 mg
Energy Consumption kWh/1000 h	43 kWh

UV

PET (NIOSH) (min.)	8 h/500lx
Damage factor D/fc (max.)	0.5

Luminaire Design Requirements

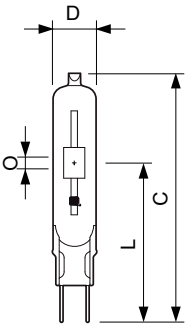
Bulb temperature (max.)	500 °C
Pinch temperature (max.)	300 °C

Product Data

Full product code	871869648461600
Order product name	MASTERColour CDM-TC 35W/842 G8.5 1CT/12
EAN/UPC – product	8718696484616
Order code	48461600
Numerator – quantity per pack	1
Numerator – packs per outer box	12
Material no. (12NC)	928093805129
Net weight (piece)	10.000 g
ILCOS Code	MT/UB-35/842-H-G8.5-17/85

Warnings and Safety

Dimensional drawing



CDM-TC 35W/842 G8.5

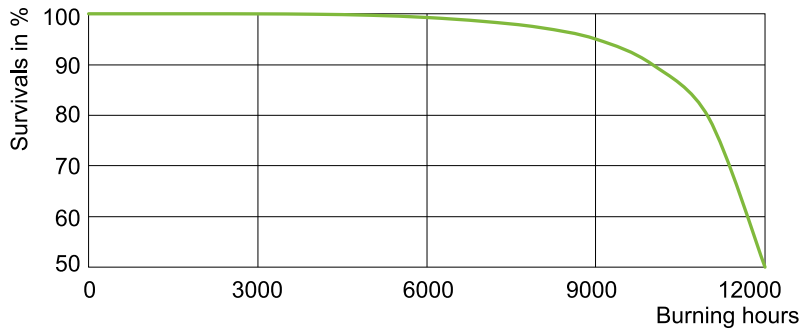
Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERColour CDM-TC 35W/842 G8.5 1CT/12	15 mm	0.5 in	5 mm	51 mm	53 mm	52 mm	85 mm

Photometric data



MASTERCcolour CDM-TC

Lifetime



LDLE_CDM-TC_0001-Life expectancy diagram

